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Application Serial Number: 1015201626

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PATENT APPLICATION: US/10/520,626

DATE: 04/19/2006

TIME: 12:38:36

Input Set : A:\17753200.APP
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3 <110> APPLICANT: ROSA-CALATRAVA, MANUEL
 4 LEISSNER, PHILIPPE
 5 LEGRAND, VALERIE
 7 <120> TITLE OF INVENTION: MODIFIED ADENOVIRAL FIBER WITH ABLATED TO CELLULAR
 8 RECEPTORS
 10 <130> FILE REFERENCE: 017753-200
 12 <140> CURRENT APPLICATION NUMBER: 10/520,626
 13 <141> CURRENT FILING DATE: 2005-01-10
 15 <150> PRIOR APPLICATION NUMBER: PCT/IB03/003336
 16 <151> PRIOR FILING DATE: 2003-07-10
 18 <150> PRIOR APPLICATION NUMBER: EP 02360204.8
 19 <151> PRIOR FILING DATE: 2002-07-10
 21 <150> PRIOR APPLICATION NUMBER: US 60/409,228
 22 <151> PRIOR FILING DATE: 2002-09-10
 24 <160> NUMBER OF SEQ ID NOS: 13
 26 <170> SOFTWARE: PatentIn Ver. 3.3
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 581
 30 <212> TYPE: PRT
 31 <213> ORGANISM: Adenovirus serotype 5
 33 <400> SEQUENCE: 1
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 35 1 5 10 15
 37 Tyr Asp Thr Glu Thr Gly Pro Pro Thr Val Pro Phe Leu Thr Pro Pro
 38 20 25 30
 40 Phe Val Ser Pro Asn Gly Phe Gln Glu Ser Pro Pro Gly Val Leu Ser
 41 35 40 45
 43 Leu Arg Leu Ser Glu Pro Leu Val Thr Ser Asn Gly Met Leu Ala Leu
 44 50 55 60
 46 Lys Met Gly Asn Gly Leu Ser Leu Asp Glu Ala Gly Asn Leu Thr Ser
 47 65 70 75 80
 49 Gln Asn Val Thr Thr Val Ser Pro Pro Leu Lys Lys Thr Lys Ser Asn
 50 85 90 95
 52 Ile Asn Leu Glu Ile Ser Ala Pro Leu Thr Val Thr Ser Glu Ala Leu
 53 100 105 110
 55 Thr Val Ala Ala Ala Ala Pro Leu Met Val Ala Gly Asn Thr Leu Thr
 56 115 120 125
 58 Met Gln Ser Gln Ala Pro Leu Thr Val His Asp Ser Lys Leu Ser Ile
 59 130 135 140
 61 Ala Thr Gln Gly Pro Leu Thr Val Ser Glu Gly Lys Leu Ala Leu Gln
 62 145 150 155 160
 64 Thr Ser Gly Pro Leu Thr Thr Asp Ser Ser Thr Leu Thr Ile Thr
 65 165 170 175

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67 Ala Ser Pro Pro Leu Thr Thr Ala Thr Gly Ser Leu Gly Ile Asp Leu
68 180 185 190
70 Lys Glu Pro Ile Tyr Thr Gln Asn Gly Lys Leu Gly Leu Lys Tyr Gly
71 195 200 205
73 Ala Pro Leu His Val Thr Asp Asp Leu Asn Thr Leu Thr Val Ala Thr
74 210 215 220
76 Gly Pro Gly Val Thr Ile Asn Asn Thr Ser Leu Gln Thr Lys Val Thr
77 225 230 235 240
79 Gly Ala Leu Gly Phe Asp Ser Gln Gly Asn Met Gln Leu Asn Val Ala
80 245 250 255
82 Gly Gly Leu Arg Ile Asp Ser Gln Asn Arg Arg Leu Ile Leu Asp Val
83 260 265 270
85 Ser Tyr Pro Phe Asp Ala Gln Asn Gln Leu Asn Leu Arg Leu Gly Gln
86 275 280 285
88 Gly Pro Leu Phe Ile Asn Ser Ala His Asn Leu Asp Ile Asn Tyr Asn
89 290 295 300
91 Lys Gly Leu Tyr Leu Phe Thr Ala Ser Asn Asn Ser Lys Lys Leu Glu
92 305 310 315 320
94 Val Asn Leu Ser Thr Ala Lys Gly Leu Met Phe Asp Ala Thr Ala Ile
95 325 330 335
97 Ala Ile Asn Ala Gly Asp Gly Leu Glu Phe Gly Ser Pro Asn Ala Pro
98 340 345 350
100 Asn Thr Asn Pro Leu Lys Thr Lys Ile Gly His Gly Leu Glu Phe Asp
101 355 360 365
103 Ser Asn Lys Ala Met Val Pro Lys Leu Gly Thr Gly Leu Ser Phe Asp
104 370 375 380
106 Ser Thr Gly Ala Ile Thr Val Gly Asn Lys Asn Asn Asp Lys Leu Thr
107 385 390 395 400
109 Leu Trp Thr Thr Pro Ala Pro Ser Pro Asn Cys Arg Leu Asn Ala Glu
110 405 410 415
112 Lys Asp Ala Lys Leu Thr Leu Val Leu Thr Lys Cys Gly Ser Gln Ile
113 420 425 430
115 Leu Ala Thr Val Ser Val Leu Ala Val Lys Gly Ser Leu Ala Pro Ile
116 435 440 445
118 Ser Gly Thr Val Gln Ser Ala His Leu Ile Ile Arg Phe Asp Glu Asn
119 450 455 460
121 Gly Val Leu Leu Asn Asn Ser Phe Leu Asp Pro Glu Tyr Trp Asn Phe
122 465 470 475 480
124 Arg Asn Gly Asp Leu Thr Glu Gly Thr Ala Tyr Thr Asn Ala Val Gly
125 485 490 495
127 Phe Met Pro Asn Leu Ser Ala Tyr Pro Lys Ser His Gly Lys Thr Ala
128 500 505 510
130 Lys Ser Asn Ile Val Ser Gln Val Tyr Leu Asn Gly Asp Lys Thr Lys
131 515 520 525
133 Pro Val Thr Leu Thr Ile Thr Leu Asn Gly Thr Gln Glu Thr Gly Asp
134 530 535 540
136 Thr Thr Pro Ser Ala Tyr Ser Met Ser Phe Ser Trp Asp Trp Ser Gly
137 545 550 555 560
139 His Asn Tyr Ile Asn Glu Ile Phe Ala Thr Ser Ser Tyr Thr Phe Ser

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142 Tyr Ile Ala Gln Glu
143           580
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152 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
153   oligonucleotide
155 <400> SEQUENCE: 2
156 gcatttagtc tacagttagg ctctggagct ggtgtggtcc ac           42
159 <210> SEQ ID NO: 3
160 <211> LENGTH: 39
161 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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168 <400> SEQUENCE: 3
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174 <212> TYPE: DNA
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
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181 <400> SEQUENCE: 4
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186 <211> LENGTH: 47
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
192   oligonucleotide
194 <400> SEQUENCE: 5
195 ctacagttag gagatgggc gggcccggtc cacaaggta gcttatac           47
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199 <211> LENGTH: 39
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
205   oligonucleotide
207 <400> SEQUENCE: 6
208 gtctacagtt aggatggc ttgggtgtgg tccacaaag           39
211 <210> SEQ ID NO: 7

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212 <211> LENGTH: 33
213 <212> TYPE: DNA
214 <213> ORGANISM: Artificial Sequence
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217 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
218 oligonucleotide
220 <400> SEQUENCE: 7
221 aagatgagca ctttgctttg ttccagatat tgg 33
224 <210> SEQ ID NO: 8
225 <211> LENGTH: 39
226 <212> TYPE: DNA
227 <213> ORGANISM: Artificial Sequence
229 <220> FEATURE:
230 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
231 oligonucleotide
233 <400> SEQUENCE: 8
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237 <210> SEQ ID NO: 9
238 <211> LENGTH: 45
239 <212> TYPE: DNA
240 <213> ORGANISM: Artificial Sequence
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252 <212> TYPE: DNA
253 <213> ORGANISM: Artificial Sequence
255 <220> FEATURE:
256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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259 <400> SEQUENCE: 10
260 aacgattctt tagctgccgg gaggcagaggc ggaggcggag gcgctgggtt ctgggcaat 60
263 <210> SEQ ID NO: 11
264 <211> LENGTH: 58
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
270 oligonucleotide
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276 <210> SEQ ID NO: 12
277 <211> LENGTH: 26
278 <212> TYPE: DNA
279 <213> ORGANISM: Artificial Sequence
281 <220> FEATURE:

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282 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
283 oligonucleotide
285 <400> SEQUENCE: 12
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289 <210> SEQ ID NO: 13
290 <211> LENGTH: 12
291 <212> TYPE: PRT
292 <213> ORGANISM: Artificial Sequence
294 <220> FEATURE:
295 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
296 linker peptide
298 <400> SEQUENCE: 13
299 Pro Ser Ala Ser Ala Ser Ala Ser Ala Pro Gly Ser
300 1 5 10

VERIFICATION SUMMARY

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